

## Under Review Notification

Raised By: PRADUMAN KHAYARGOLI

Product #: RBEM652V3002101-M

Date: 2/05/2019

Product Name: TAIL GEAR BOX INPUT SEAL EXCHANGE

Part Number (D-Part and 9-Digit) (eg. D3535-11) (eg. D3535-25) (eg. D206-642-143) (eg. RBEM324U3010101-1)	Drawing or Document & <u>Current</u> Affected Revision for each part listed	"Y" or "N" Required for Each Part Do not leave blank							Reserved ECN / URF Log Number	Instructions Relevant to Each Part (including whether CHG #'s will be affected)
		DO NOT SHIP	Red Tag/Quarantine Stock	Advise Customers	Hold all Production	Re-Work Stock	UFP Under Review (Engineer Signoff Required.)	Put Product Specifications Under Review ("Bluefiles")		
RBEM652V3002101-M	REV B	Y	Y	N	Y	N	Y	N	19-560	

### Description of Issue:

1. CONNECTION BETWEEN SEAL HOLDER & SPINDLE IS FLEXIBLE BUT SHOULD BE RIGID: The DART Tool seems to be a copy of the OLD AH Tool & NOT the new AH Tool. This means that the DART Tool has the same DESIGN FLAW that the old AH Tool had. The seal holder on the dart Tool is screwed to the spindle so that the connection between the two is flexible. On the new AH Tool this connection is RIGID The rigid AH Tool Works perfectly. The flexible Dart Tool does not work.
2. EXTERNAL DIAMETER OF MAGNETIC GUIDE IS TOO SMALL. This allows relative movement between the seal and the guide during installation which is enough to destroy the new seal during fitment.
3. MAGNETS ON MAGNETIC GUIDE ARE TOO WEAK. The magnets on the guide are not strong enough to hold the guide in place. Instead the guide can fall out of the TGB housing. If this occurs during seal installation then again the seal is destroyed.
4. SPINDLE OF HOLDER IS 5MM TOO SHORT FOR SEAL EXTRACTION. During seal removal the spindle cannot reach the holder. It is 5mm too short.
5. SPINDLE OF HOLDER IS 10 TO 15MM TOO SHORT FOR SEAL INSTALLATION. During seal installation the spindle cannot reach the holder.

### Distribution:

VP Operations

Director of Engineering

Customer Support Manager

Technical Support

Director of Operations

Chief Engineer

Production Engineers

Product Manager - Solutions Provider

Director Quality Assurance

Engineering Project Managers

Production Planners

Supply Chain Director / Senior Buyer

QC Coordinator

Engineering Clerk

Purchasing Manager

Marketing Eugene